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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Chen  
Serial No.: 10/607,283  
Filed: June 26, 2003  
Group Art Unit: 3744  
Examiner: Norman, Marc E.  
Title: CONTROL OF REFRIGERATION SYSTEM TO OPTIMIZE  
COEFFICIENT OF PERFORMANCE

**RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandra, VA 22313-1450

Sir:

This paper is responsive to the Office Action mailed on October 22, 2004. Claims 1-19 remain in this application. Claims 1, 6, 7, 14 and 16 have been amended, and claims 17-19 have been added. Please amend the application as follows.